Ave., Chelsea, Mass. 02150, as the latest addition to its Forcast line.

The fixture is designed to use Sylvania's new EAR (elliptical aluminized reflector) medium-base 150-watt lamp, and includes one lamp with each fixture. This efficient light source concentrates its beam at approximately 3 inches above the aperture, enabling the fixture to distribute a wide, uniform pattern of light through its 2-inch aperture. A single unit beam angle is 75 degrees at 10 percent maximum candlepower. Multiple unit spacing ratio is 0.72, making the fixture ideal for certain types of retail merchandising and office spaces.

Encompassing a high overall efficiency in a shallow configuration, the new fixture is expected to have an important impact upon lighting system design.

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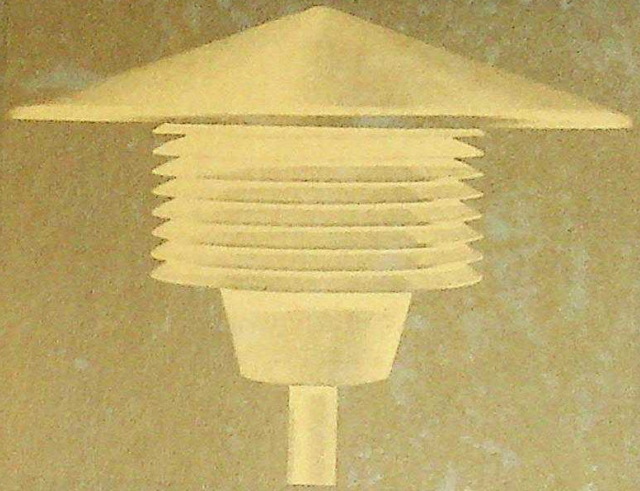
Luminous Ceiling safety fixtures

A new line of safety wireguard fluorescent fixtures has been announced by the Liteshapes Division of Luminous Ceilings, Inc., 3701 N. Ravenswood Ave., Chicago, Ill. 60613. They are recommended for any location where lighting fixtures may be subjected to

shopping plazas, parks, restaurants, commercial establishments, and industrial plants.

When used as a low-level fixture, the light pattern is kept low, eliminating glare and accentuating the beauty



of shrubs or decorative plantings. A low silhouette does not obstruct view of buildings or distract attention from signs.

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LAMP BOX A-20

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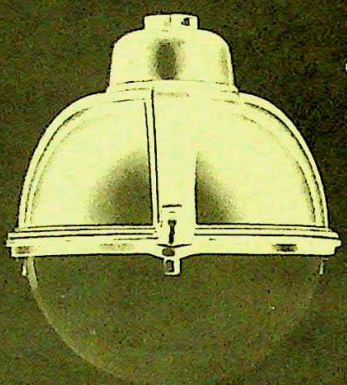
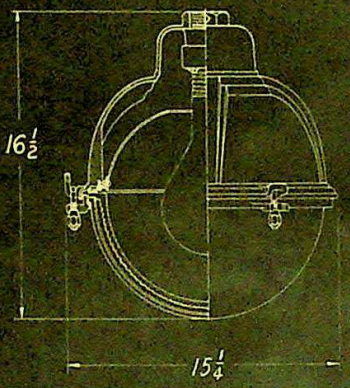
MISCELLANEOUS STREETHOODS—Continued

HI-LUX LUMINAIRES

A-20



HI-LUX LUMINAIRE



OUTLINE DIMENSIONS OF HI-LUX LUMINAIRE

Application

The Westinghouse Hi-Lux Luminaire is a modern pendant luminaire, designed specifically for highway lighting. A two-element hemispherical refractor is used which accurately controls and effectively utilizes the light emitted by the lamp to assure the efficient production of illumination essential in highway lighting. Provision is made for shifting the socket and inner reflector horizontally within the Hi-Lux refractor so that distribution may be either B-Way or Two-Way.

The luminaire may be operated with a 4000 or 6000-lumen bi-post lamp either directly on a series circuit or from the secondary of an isolating current transformer. It may be operated with 4000 to 10,000-lumen screw base lamps from the secondary of an isolating current transformer, or with a 300 or 500-watt multiple lamp.

The Hi-Lux Luminaire is also a very satisfactory street lighting luminaire when used with a clear rectilinear globe for symmetrical distribution, or with a Refractolux Jr. Refractor when a wider distribution of light is required than is provided by the Hi-Lux refractor.

Construction

The luminaire consists essentially of a housing, a reflector, a socket and a two-element refractor.

The housing is cast aluminum and has a series of four ornamental panels on its exterior surface. The outer surface is finished with a durable green baked enamel. The top is tapped for $1\frac{1}{4}$" pipe.

The reflector is of aluminum with a specular Alzak finish and directs light downward in order that it may be effectively controlled by the refractor.

The refractor is the two-element type and is supported from the housing by a cast aluminum holding ring which allows the refractor to be swung open for lamp replacement. It also permits easy replacement of refractors in the field.

The refractor **holding ring** is of aluminum and has a natural aluminum finish.

Description	Approx. Ship. Wt., Lb.	Style No.
Complete with velvet finish Hi-Lux refractor, series bi-post socket and receptacle	65	891 479
Complete with velvet finish Hi-Lux refractor and multiple bi-post socket	65	891 480
Complete with velvet finish Hi-Lux refractor and mogul multiple socket	65	891 481
Complete with clear rectilinear globe, series bi-post socket and receptacle	30	891 482
Complete with clear rectilinear globe and multiple bi-post socket	30	891 483
Complete with clear rectilinear globe and mogul multiple socket	30	891 484
Complete with velvet finish Refractolux refractor, series bi-post socket and receptacle	35	891 485
Complete with velvet finish Refractolux refractor and multiple bi-post socket	35	891 486
Complete with velvet finish Refractolux refractor and mogul multiple socket	35	891 487
Velvet finish Hi-Lux refractor only	40	343 228
Clear rectilinear globe only	5	880 137
Velvet finish Refractolux refractor only	10	891 021